

Excavator Work Order System (EWOS)

Rick Pevarski



- 4 Objectives
 - Data transfer from work order management system
 - Attachments
 - Calendar function
 - Normalize work flow
 - Two - way positive response

EWOS

- 2010 PHMSA Grant
 - Extended through June 30, 2011

EWOS – Web Based Application

Welcome to Excavator
Work Order System

Login:

Password:

EWOS - Dashboard

Main Page

Dashboard Create Work Order Scheduling Manage Crews Manage Projects Positive Response Manage Contractors Audits

Projects: Work Order# Status

Work Order #	Ticket Status	Schedule Status	Submission Date	Start Work Date	Date of Ticket	Age	Days Till Update	Hold Status
1	Not Submitted	Not Scheduled	02/01/2010	N/A	N/A	30	N/A	<input type="checkbox"/>
2	Active	Scheduled	02/01/2010	02/18/2010	02/15/2010	N/A	10	<input type="checkbox"/>
3	Active	Scheduled	03/11/2010	03/23/2010	03/19/2010	60	AUTO	<input checked="" type="checkbox"/>

EWOS –Create Work Order

Main Page

Dashboard	Create Work Order	Scheduling	Manage Crews	Manage Projects	Positive Response	Manage Contractors	Audits
Projects	<input type="text"/>	Add Project		<input type="text"/>	Attach File	Primary Contractor	<input type="text"/>
Crew:	<input type="text"/>	Add Crew	Work Order #	<input type="text"/>		Sub-Contractor	<input type="text"/>
Invoice#:	<input type="text"/>	Start Work Date	<input type="text"/>	Finish Date	<input type="text"/>		
Company #	<input type="text"/>	Caller	<input type="text"/>			Type	<input type="text"/>
Direct Line:	<input type="text"/>	Company	<input type="text"/>				
City	<input type="text"/>	Address	<input type="text"/>				
Work Type	<input type="text"/>	State	VA	County/City	<input type="text"/>		
Done For	<input type="text"/>						
Street	<input type="text"/>						
Excavation Area	Lat.	<input type="text"/>	Long.	<input type="text"/>	<input type="checkbox"/> Boring <input type="checkbox"/> Blasting <input type="checkbox"/> White Paint		
<div>Work Order Notes</div> <div><input type="text"/></div>							
							Create Work Order
							Submit to Work Order System

EWOS –Create Work Order

Main Page

Dashboard	Create Work Order	Scheduling	Manage Crews	Manage Projects	Positive Response	Manage Contractors	Audits
Projects	<input type="text"/>	Add Project		<input type="text"/>	<input type="button" value="Attach File"/>	Primary Contractor	<input type="text"/>
Crew:	<input type="text"/>	<input type="button" value="Add Crew"/>	Work Order #	<input type="text"/>		Sub-Contractor	<input type="text"/>
Invoice#:	<input type="text"/>	Start Work Date	<input type="text"/>	Finish Date	<input type="text"/>		
Company #	<input type="text"/>	Caller	<input type="text"/>			Type	<input type="text"/>
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EWOS –Create Work Order

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Done For	<input type="text"/>							
Street	<input type="text"/>							<input type="checkbox"/> Boring <input type="checkbox"/> Blasting <input type="checkbox"/> White Paint
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EWOS –Create Work Order

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<div></div>							
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EWOS –Create Work Order

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EWOS –Create Work Order

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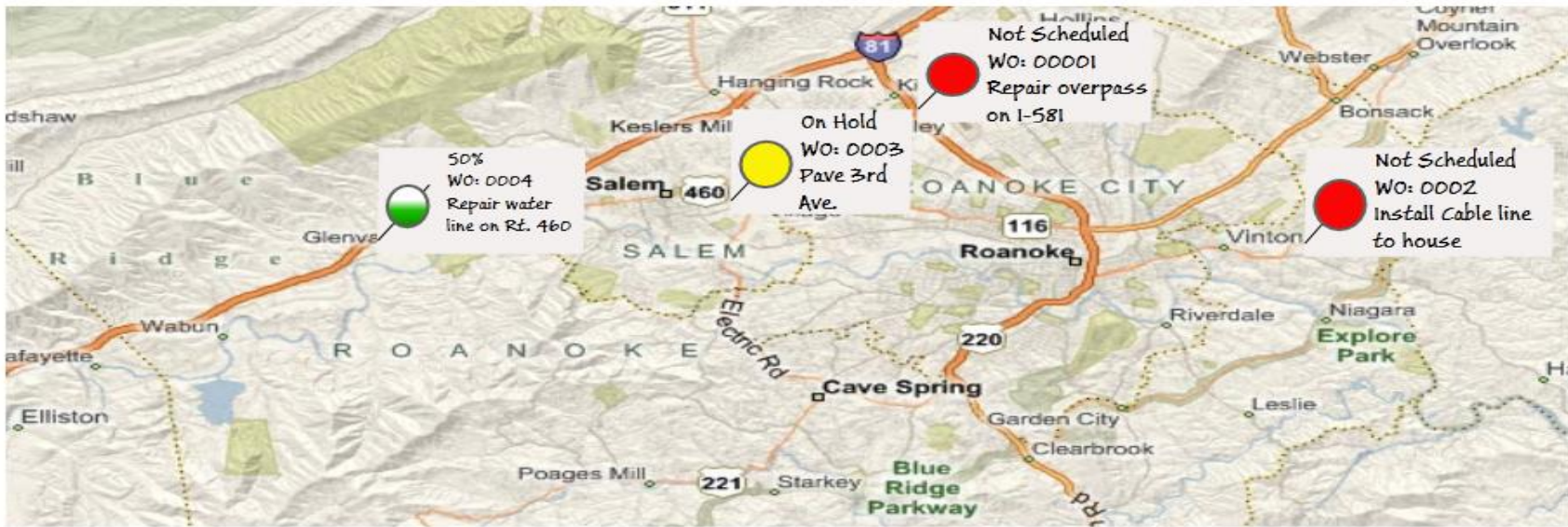
EWOS – Scheduling (Mapping)

Main Page

Dashboard | Create Work Order | **Scheduling** | Manage Crews | Manage Projects | Positive Response | Manage Contractors | Audits

Projects Schedule Status Crew

Mapping | Data | Calendar



The map displays the Roanoke, VA area with several work order locations marked by colored circles and callouts:

- Not Scheduled**
WO: 00001
Repair overpass on I-581
- On Hold**
WO: 0003
Pave 3rd Ave.
- 50%**
WO: 0004
Repair water line on Rt. 460
- Not Scheduled**
WO: 0002
Install cable line to house

Geographic labels on the map include: Shaw, Blue Ridge, Salem, Roanoke, Cave Spring, Garden City, Clearbrook, Starkey, Poages Mill, Wabun, Elliston, Hanging Rock, Keslers Mill, Electric Rd, Vinton, Riverdale, Leslie, Niagara, Explore Park, Webster, Bonsack, and Cuylen Mountain Overlook. Highway markers for 81, 460, 116, 220, and 221 are also visible.

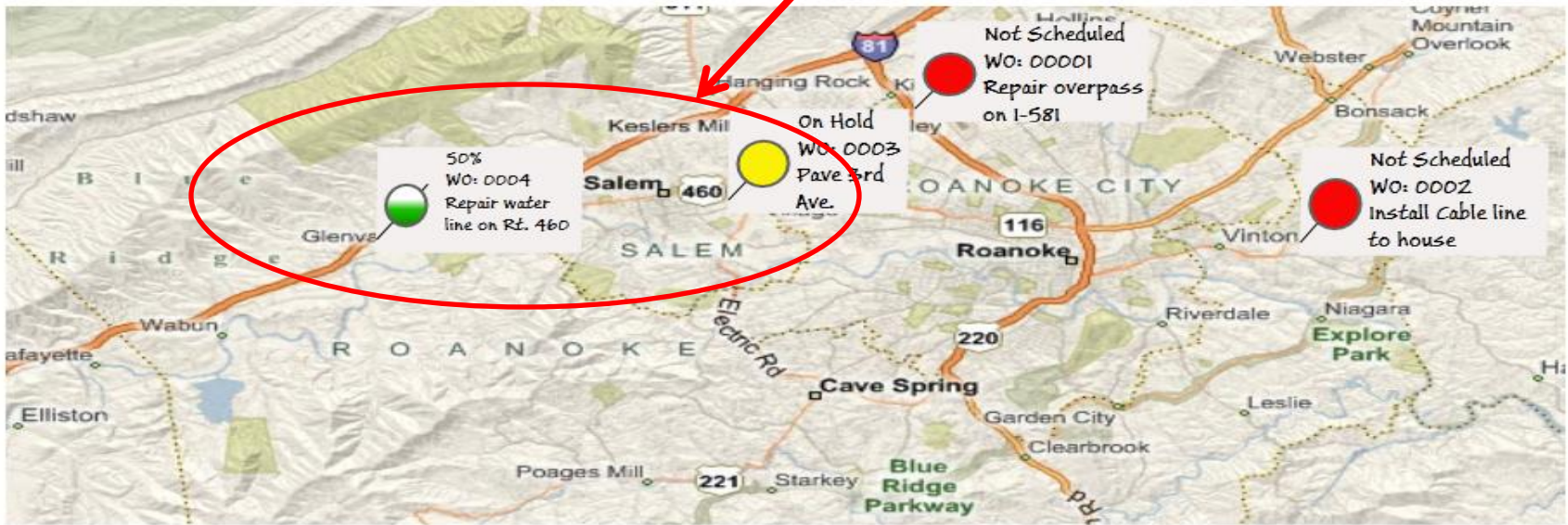
EWOS – Scheduling (Mapping)

Main Page

Dashboard | Create Work Order | Scheduling | Manage Crews | Manage Projects | Positive Response | Manage Contractors | Audits

Projects Schedule Status Crew

Mapping | Data | Calendar



The map displays the Roanoke, VA area with several work order locations marked. A red circle highlights a specific location near Salem, VA, with a callout box indicating: 50% WO: 0004 Repair water line on Rt. 460. Other callouts include: Not Scheduled WO: 0001 Repair overpass on I-581, On Hold WO: 0003 Pave 3rd Ave., and Not Scheduled WO: 0002 Install cable line to house. A red arrow points to the highlighted location.

EWOS – Scheduling (Data)

Main Page

Dashboard Create Work Order Scheduling Manage Crews Manage Projects Positive Response Manage Contractors Audits

Projects Schedule Status Crew

Mapping Data Calendar

W/O #	Schedule Status	Schedule Date	Project	Crew	Date Entered	County/City	Address	Done For	Work Type
1	Not Scheduled	N/A	I-581	General Crew-A	5/5/2010	Salem	I-581 Mile Marker 20	VDOT	Road Maintenance
2	Scheduled	6/24/2010	N/A	General Crew-B	5/25/2010	Vinton	12 Gus Nicks	Steve Henson	Pool Below Ground
3	Not Scheduled	N/A	N/A	Jim's Crew-A	6/5/2010	Salem	1435 E Main St	Tim Smith	Construction - Home
4	Not Scheduled	N/A	N/A	Special Crew-A	6/1/2010	Roanoke County	16 Daughtery Road	VDOT	Guard Rail

EWOS – Scheduling (Calendar)

Main Page

Dashboard Create Work Order Scheduling Manage Crews Manage Projects Positive Response Manage Contractors Audits

Projects Schedule Status Crew

Mapping Data Calendar

◀ April, 2011 ▶						
Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

W/O #	Address	Done For	Work Type
3	1435 E Main St	Tim Smith	Construction - Home

EWOS – Manage Crews

Main Page

Dashboard | Create Work Order | Scheduling | Manage Crews | Manage Projects | Positive Response | Manage Contractors | Audits

Crew Name:

Description:

Actions

Crew Name

Crew Description

[Delete/Edit](#)

Crew A

Crew A consists of Jim B., Sara, and Steve. They are trained to do subterranean tunneling.

[Delete/Edit](#)

Crew Standard-A

Crew Standard-A General team of workers.

EWOS – Manage Projects

Main Page

Dashboard | Create Work Order | Scheduling | Manage Crews | Manage Projects | Positive Response | Manage Contractors | Audits

Project Title:

Description:

Action	Project Title	Description	Completed Status
Delete/Edit	581 Interchange	Repair support columns on two bridges.	<input type="checkbox"/>
Delete/Edit	ROA Airport Expansion	Extend both runways by 200 feet.	<input type="checkbox"/>

EWOS – Positive Response

Main Page

Dashboard | Create Work Order | Scheduling | Manage Crews | Manage Projects | Positive Response | Manage Contractors | Audits

Ticket #

Find Responses

W/o #

Ticket #

11	A002938497	^
11	A002936574	v
<		>

W/O #	Ticket #	Member Code	Response Code	Response
11	A002938497	che987	10	Marked
11	A002938497	wag754	30	Marked
11	A002938497	ter390		No Response

Contacting: wag754

Message:

Send

EWOS – Manage Contractors

Main Page

Dashboard | Create Work Order | Scheduling | Manage Crews | Manage Projects | Positive Response | Manage Contractors | Audits

Enter contractor Account:

Contractor Account: WTEBobE001

Contractor Name: Bob's Electric Services

Contractor Phone: 540-555-5555

Contractor Account:

WTEBobE001

Contractor Name:

Bob's Electric Services

Contractor Phone:

540-555-5555

Contractor Type:

Primary

Contractor Account:

WTEJimF451

Contractor Name:

Roanoke plumbing

Contractor Phone:

540-555-5555

Contractor Type:

Sub Contractor

EWOS – Audits

Main Page

Dashboard	Create Work Order	Scheduling	Manage Crews	Manage Projects	Positive Response	Manage Contractors	Audits
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Contractor	Ticket #	Date	Audit Status	Comments
Bob's Electric Services	A000123189-00A	8/1/2010	Pass <input type="button" value="v"/>	Demo <input type="text"/>
Bob's Electric Services	A00033589-00A	8/16/2010	<input type="button" value="v"/>	<input type="text"/>
Roanoke Plumbing	B00033500-00A	8/10/2010	<input type="button" value="v"/>	<input type="text"/>

Questions?
